UNI3510U2E / UNI3510U2EGB
UNI3510U2EB / UNI3510UEBGB

Instruction Manual

3.5” External Hard Drive Enclosure

3.5” eSATA/USB 2.0 to IDE/SATA External Hard Drive Enclosure with One-Touch Backup

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

This enclosure lets you turn almost any high capacity 3.5” Serial ATA (SATA) or IDE hard drive into an eSATA (SATA only) or USB (SATA or IDE) external hard drive, allowing you to customize your external storage solution based on your preference of hard drive model and manufacturer.

Packaging Contents

- 1 x Hard Drive Enclosure
- 1 x USB Mini B Cable
- 1 x eSATA Cable
- 1 x IDE Cable
- 1 x Driver CD
- 1 x Enclosure Stand
- 1 x Power Adapter
- 1 x SP4 to LP4 Adapter Cable
- 1 x SATA 7+15 pin cable

System Requirements

- Available USB 2.0 or eSATA port on computer system
- Microsoft® Windows® 2000/XP/Vista/Server 2008 R2/7 (32/64-bit), or Apple® Mac OS® 9.x/10.x, or Linux® kernel 2.4.1.0 and above

Hardware Guide

Front Panel

1. Power Button/LED
2. Backup Button

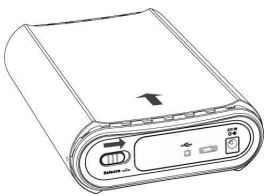
Rear Panel

1. DC In Port
2. eSATA Port
3. Mini USB Port
4. Hard Drive Release Switch

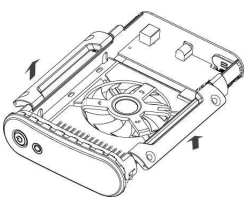
Installation

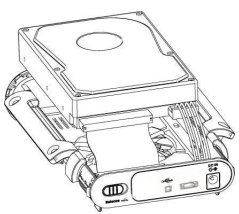
Hardware Installation

1. Open the hard drive enclosure by pushing the rear panel release button to the right and sliding the hard drive bracket out of the external casing from the front.

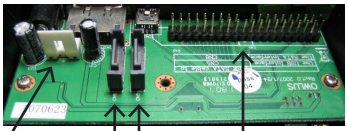


2. If using an IDE/ATA hard drive, ensure that the hard drive you are using is set to **MASTER**.
3. Pull the two tabs on either side of the hard drive holding mechanism up, then connect the provided SATA or IDE data and power supply cables to the rear ports of the drive.



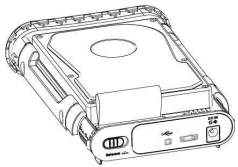


4. **SATA HDD**: If you will be using the USB 2.0 interface to connect to the enclosure, plug the SATA data cable into the port labelled CN5 on the enclosure's PCB board. If using the eSATA interface to connect to the enclosure, plug the SATA data cable into the port labeled CN6 on the enclosure's PCB board. The locations of the CN5 and CN6 ports are shown below. Plug the power connector into the J1 port on the PCB board.



IDE HDD: Only the USB 2.0 interface is available for connecting an IDE hard drive to the host computer. Plug the 40-pin IDE data cable into the port labelled CN1 on the enclosure's PCB board. Plug the included 4-pin SP4 to LP4 power adapter cable into the J1 connector.

5. To mount the hard drive, place it into the holding tray and press the tabs on either side down to secure the drive in the enclosure.



6. Slide the hard drive holding mechanism into the external casing, ensuring that the release button on the rear panel returns to its original, locked position.

Driver Installation

Windows® 2000/XP/Vista, Mac OS® 9.x/10.x, Linux Kernel® 2.4.x +

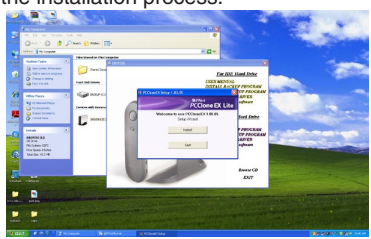
No driver installation is required for these operating systems, as this enclosure is natively supported, so the drivers are already installed.

Software Installation

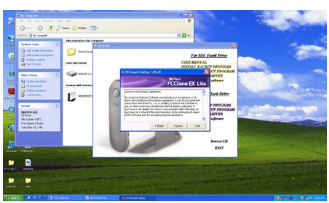
The following steps outline the procedure to install the software included with your drive enclosure in Windows.

1. Insert the Drivers CD into your computer's CD-ROM. Open the DRIVERS.exe application to begin the installation process.
2. Once the installer is running, there are a number of options available to you from the DRIVERS.exe home screen. To install the backup software, click Install Backup Program under the heading that corresponds with your drive-type (IDE or SATA).

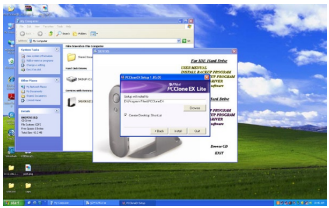
3. The PCClone EX Lite Installer window will appear. Click Install to proceed with the installation process.



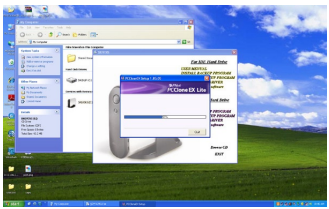
4. The License and Warranty Agreement will appear. To continue, click Agree.



5. Click Browse to designate the directory in which the software will be installed. Once you have made your selection, click Install to continue.



6. The installation will now take place. Once the installation is complete, you may exit the DRIVERS.exe application.



Recognizing the Hard Drive

Windows XP

USB 2.0

If you are using the USB 2.0 interface to connect the hard drive enclosure to your computer, no setup is required. Simply plug the hard drive enclosure into an available USB port and turn the power on to the hard drive enclosure. Open My Computer and the drive should be visible under the heading “Devices with Removable Storage.”

eSATA

If you are using the eSATA interface to connect the hard drive enclosure to your computer, there are two setup processes you can follow. If the hard drive enclosure is powered on upon booting up the computer, it will automatically detect the drive. Otherwise, if you connect and power on the hard drive enclosure once the computer has already been booted up, you will need to open the Device Manager to scan for it. The following directions outline the necessary steps to access your hard drive when the computer has already been booted up:

1. Right click My Computer and click Manage.
2. In the left pane, select Device Manager.
3. In the Device Manager window, click the + next to the Disk Drives icon. Since your drive was not powered on during the boot up process, it should not yet be visible.
4. Turn on the hard drive enclosure. Once the power indicator is illuminated, click the Scan button.
5. The Device Manager will scan for plug and play hardware. Once it has completed the scan, your drive should be visible below the Disk Drives heading.

Windows Vista

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4. Turn on the hard drive enclosure. Once the power indicator is illuminated, click the Scan button.
5. The Device Manager will begin the installation of the necessary driver software. Once it has completed the scan, your drive should be visible below the Disk Drives heading.

Specifications

Bus Interface	SATA 3.0Gb/s USB 2.0
Chipset ID	JMicron JMB20337
External Connectors	1 x eSATA connector* 1 x USB Mini B connector 1 x DC Power connector
Internal Connectors	2 x SATA 7-pin 1 x SATA Power 15-pin 1 x 40-pin IDE/ATA 1 x LP4 Power 4-pin
Maximum Data Transfer Rate	3.0 Gb/s (eSATA) 480 Mb/s (USB 2.0)
Fans	1 x 80mm
Power Adapter	12VDC, 2000mA, type M plug
Enclosure Material	Aluminum
Operating System Support	Windows® 2000/XP/Vista/Server 2008 R2/7, Mac OS® 9.x/10.x, Linux Kernel® 2.4.x +

* eSATA interface is only usable if using with a SATA drive.

Technical Support

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